



DATE PRESENTING CLINICAL SIGNS

3/14/22

Poor appetite for 2 wks, fever intermittently up to 4.3 current meds: Baytril, Metacam. U/S findings: The left cranial liver revealed a 3.73 cm, mixed hyperechoic mass that was just cranial to the pylorus. The remainder of the liver presented increased portal markings. The left-sided mass appears moderately vascular. It appears potentially resectable. The right liver and cranial liver appeared unremarkable. The gallbladder and common bile duct were unremarkable. The common bile duct, vena cava and other crucial structures appear free of evident pathology. FNA of the liver mass could be considered for further definition. Hyperplasia is possible, carcinoma is likely. PSL 141 (140H), PLT 143, CPL abnormal.

INTERPRETED BY

L.D. McGill, DVM, Ph.D,
DACVP

CYTOLOGY SUBMISSION

PATIENT Liver

Koco Ferris

OBSERVATIONS

Liver: Submitted are 4 excellent videos and one image of cells collected from the liver in Koco. There are hepatocytes in several fields with a background of red blood cells. The red blood cells are interspersed with neutrophils and lymphocytes in a mixed collection. Scattered macrophages are identified. The hepatocytes demonstrate granularity and vacuolization of the cytoplasm. There are no changes supporting malignancy.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Liver - Hepatocellular vacuolization and granularity with prominent chronic inflammation.

Mix

COMMENTS

The cellularity in this collection is not diagnostic of any specific neoplastic process or evidence of sepsis. There is evidence of chronic inflammation and vacuolization or granularity of the hepatocytes. Nodular hyperplasia is a possibility with prominent vascular change or possibly a vascular tumor. Those diagnoses cannot be made with the cells in these videos. Exploratory and biopsy will be required to confirm that diagnosis. Lymphoma is not the major process. I was unable to identify changes that would support carcinoma or other neoplastic processes. A guarded prognosis is warranted unless we can identify the underlying process.

SEX

Female Spayed

AGE

13y

WEIGHT

20 lbs

HOSPITAL NAME

All Creatures Great and
Small Denville

REFERRING VET

Dr. Mitrovic

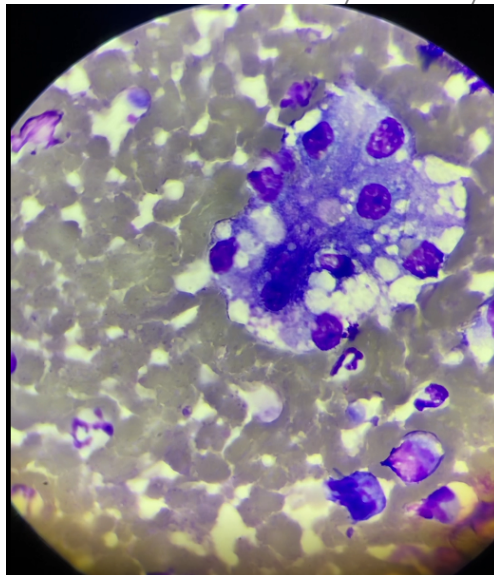


Image shows hepatocytes with vacuolization and granularity collected from Koco. Note the surrounding mixed cell inflammation in the RBCs.

INVOICE NUMBER

688



DATE 3/14/22 **The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

INTERPRETED BY L.D. McGill, DVM, Ph.D., DACVP **Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.**

L.D. McGill, DVM, Ph.D., DACVP

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